NOVEMBER/DECEMBER 2024

GCA33/DCA33 — DESKTOP APPLICATION USING C#

Time : Three hours Maximum : 75 marks

SHANMUGA INDUSTRIES ARTS & SCIENCE COLLEGE LIBRARY

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is a Constant?
2. Define the term – Arrays.
3. What is Message Box?
4. What is Label?
5. Give the usage of ON FOCUS Event.
6. How Mouse Move Event works?
7. Define the term – Thread.
8. What do you mean by Single Ton?
9. What is Database?
10. How to delete records?

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the features of C#.

Or

(b) Discuss on the method of Type Conversion with example.

12. (a) Describe the common operations on Forms.

Or

(b) Explain the way to create Menus in C#.

13. (a) Write down the snippet to use Keyboard Events.

Or

(b) How will you create a Delegate Object? Explore.

14. (a) Discuss on the Life cycle of Threads using Reflection.

Or

(b) Makeup a C# program to view the Metadata using Reflection.

15. (a) Describe how to create a Connection to Database in brief.

Or

(b) Explain the working with Data Adapter.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Enumerate various types of Inheritance and their usage.

17. Develop a C#. program to change the background color using Timer.

18. Describe the creations of Event Handlers.

19. Build the .NET Remoting Architecture and explain.

20. Create a College Website application connected with database to store Student Details and discuss.

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